

RML-1100 Scissor Jack

Quick Start Guide

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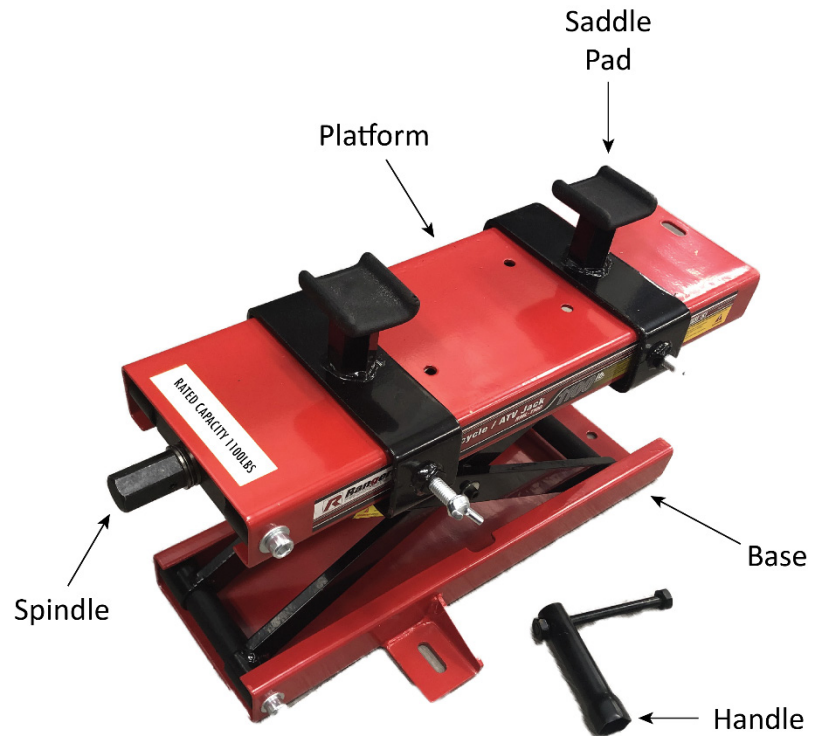
The RML-1100 Scissor Jack lets you get motorcycle wheels up off the ground or the lift, making service easier.

The components of the Scissor Jack are:

- **Base.** Anchors the Jack.
- **Platform.** Holds either the Vehicle or the Saddle Pads.
- **Saddle Pads.** Use is optional. Cradle the lifting point(s) of the Vehicle.
- **Spindle.** Crank clockwise to raise, counter-clockwise to lower.
- **Handle.** Turns the Spindle.

Specifications

- **Weight Capacity:** 1,100 lbs / 499 kg
- **Lowered Height:** 6.5 in / 150 mm
- **Maximum Height:** 19.5 in / 495 mm
- **Size:** 11 by 22 in / 279 by 559 mm



Safety Instructions

- *Never* exceed the weight capacity. This voids the warranty and increases the chances the Vehicle will fall, damaging the load and/or the Scissor Jack, and injuring the Operator.
- Only use the Scissor Jack on a flat, dry, hard surface capable of sustaining the weight of the Vehicle.
- Always keep the Vehicle centered and balanced. Make sure the Vehicle is secure **before** starting work.
- Never work under the Vehicle. Keep all body parts away from all pinch points.
- Always keep Scissor Lift dry and clean. Check unit carefully before each use.
- Do not use the Jack while tired or under the influence of drugs, alcohol, or medication.
- Ranger recommends wearing leather gloves, steel-toed work boots, ANSI-approved eye protection, and back belts when using the Scissor Jack.
- If Vehicle looks as if it may fall, evacuate the area immediately. Lower Vehicle when safe to do so.



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Refer to the drawing on the previous page as you install the Scissor Jack.

Before using the Jack, check the unit to make sure all parts are in place and working normally. If not, take the Scissor Jack out of service, then contact your distributor or Ranger Products at (800) 253-2363.

To install the RML-1100 Low-Profile Scissor Jack and raise a Vehicle:

1. Open the box and remove the contents.
2. Position the Base on a solid, clean surface capable of supporting the weight.
3. Move the Vehicle into position over the Jack.
4. Make sure only the Operator of the Jack is within 30 feet of it when it is in use.
5. Check clearances on all four sides and above.
6. Make sure the Base is stable and under the manufacturer's recommended Lifting Points.
7. If desired, put one or both of the Saddle Pads into position. Tighten the Wing Nuts, if desired, to hold one or both of the Saddle Pads in one spot.
8. Use the Handle to raise the Platform until the Saddle Pads or the center of the Platform are just under, but not yet touching, the Vehicle's Lifting Points.
9. Make sure the Saddle Pads or the center of the Platform are directly under the Lifting Points.
10. Turn the Handle to raise the Platform until the Vehicle is a few inches off the ground, then stop.
11. Make sure the Vehicle is stable and the Saddle Pads or the Platform have good contact with the Vehicle's Lifting Points.

If the Vehicle is **not** stable or does not have good contact with the Lifting Points, lower the Jack back down to the ground and start again.

12. Raise the Vehicle to the desired height.

Important: Do not leave the area while a Vehicle is on the Scissor Jack. Lower the Vehicle back down to the ground if you have to leave the area.

13. If desired, support the Vehicle using one or more jack stands.
14. Begin the service or repairs.

To lower a vehicle:

1. Check under the Vehicle and the Jack to make sure the area is clear. If it is not, clear it.
2. Turn the Handle to lower the Vehicle.
3. When the weight of the Vehicle is fully off the Saddle Pads or Platform, move the Scissor Jack out from under the Vehicle.

Maintenance

To maintain your RML-1100 Scissor Jack:

- When not in use, keep the Jack fully lowered and stored in a dry, cool location.
- Always keep the Jack clean; wipe up any oil, grease, water, or dirt after each use.
- Lubricate moving parts on a regular basis; the more you use the Jack, the more often you lubricate it.